

Personalized Support for Publication Reports

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The aim of this work is to design and implement a system for personalized management of publication outputs. Researchers often have to deal with managing of a large number of their publications. Except of tracking their works, they also have to keep a list of papers in which these works are cited. They and the institution where they operate are evaluated on the basis of this number. And also researchers spend a lot of time by dealing with forms about their paperwork, if they want to save information about it into school's database.

To address these problems, we implemented a web based application, which can help by filling forms. Users upload a form, which they want to fill. The form must contains keys (placeholder), which will be replaced. There are two types of keys:

- Primary, which can application get from the pdf, for example: author, title, keyword, etc.
- Secondary placeholders: institute, category, etc.

Every user can in profile define secondary placeholder and the value, which be always replaced in his form. Since, there is possible, that not every information, will be correct after extraction from the paper, user can update values and then they are saved in form. Every data confirmed by the user is saved into our database. This results in that by every confirm is our data model "smarter" and can offer other users better results.

Other service which our application offer is tracking user's paper. There are three databases, which uses almost every researcher if he want tracking his work:

- Google Scholar
- Scopus
- ISI Web of Knowledge

Every of them has different philosophy. Scholar is only a quantity, which is not always bad thing, Scopus and WoS is a quality. From this reason we decided combined result from all three databases and from is.stuba.sk too. We included is.stuba.sk, because this

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application has to serve mainly for STU's researchers and it offers a good foundation for tracking these users' publications.

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